

[BLINKING BACKLIGHT DEVICE AND OPERATION METHOD THEREOF]

Abstract

A blinking backlight device and an operation method thereof are provided. The blinking backlight device comprises a light source brightness balance module, a blinking control module and a storage unit. An image detection unit of the blinking control module is used for comparing a recent frame data and a frame data read from the storage unit. When the recent frame data comprises a motion image, the blinking backlight is enabled. When the recent frame data comprises a static image, the blinking backlight is disabled. In addition, the light source brightness balance module is used to control the brightness and the duty cycle of the cold cathode fluorescence lamp according to whether the frame data comprises the motion image or the static image.